



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 12341627
SAU: MSAD 40
School: A D Gray Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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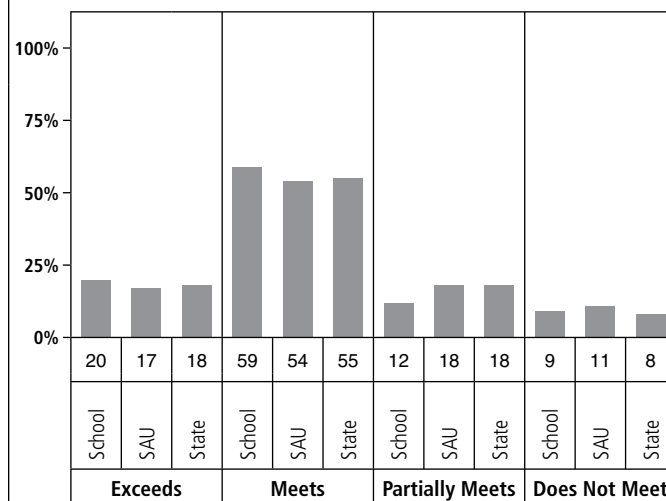
SUMMARY OF SCORES

Test Date: March 2008
Grade: 7
SAU: MSAD 40
School: A D Gray Middle School

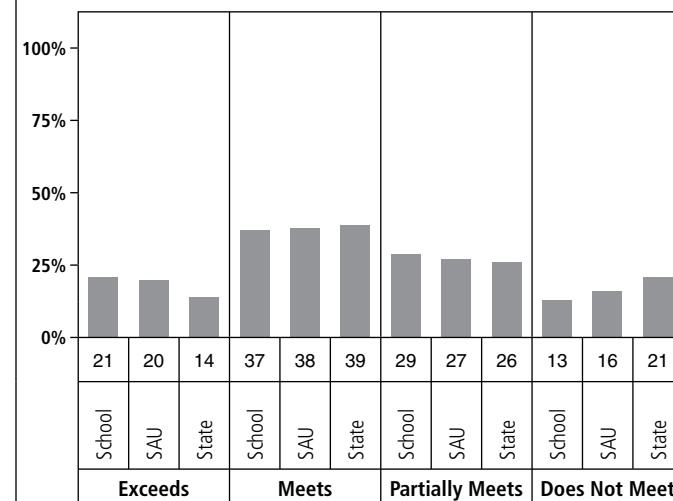
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	739	743	745
2006–2007	745	745	748
2007–2008	752	749	750
Cum. Avg. *	746	746	748
Mathematics			
2005–2006	739	740	740
2006–2007	739	741	742
2007–2008	747	745	743
Cum. Avg. *	742	742	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: MSAD 40
 School: A D Gray Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	74	100	143	100	14818	100	73	99	142	99	14698	99	73	99	141	99	14694	99												
Ethnicity African American/Black	2	3	3	2	381	3	2	100	3	100	372	98	2	100	3	100	375	99												
American Indian or Native Alaskan	1	1	1	1	113	1	1	100	1	100	112	99	1	100	1	100	112	99												
Asian or Pacific Islander	2	3	2	1	219	1	2	100	2	100	213	97	2	100	2	100	217	99												
Hispanic	1	1	1	1	178	1	1	100	1	100	176	99	1	100	1	100	177	100												
Caucasian/White	68	92	136	95	13927	94	67	99	135	99	13825	99	67	99	134	99	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	11	15	26	18	2556	17	11	100	26	100	2508	99	11	100	26	100	2497	98												
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99												
Economically disadvantaged	39	53	72	50	5461	37	39	100	72	100	5408	99	39	100	72	100	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	46	62	102	71	12195	82	46	62	101	71	12215	82												
Identified disability (PET/IEP)	0	0	2	2	418	3	0	0	2	2	421	3												
LEP	0	0	0	0	183	2	0	0	0	0	183	1												
504 plan	0	0	3	3	181	1	0	0	3	3	182	1												
Participation with accommodations	23	31	36	25	2320	16	24	32	37	26	2303	16												
Identified disability (PET/IEP)	7	30	20	56	1912	82	8	33	21	57	1900	83												
LEP	0	0	0	0	159	7	0	0	0	0	173	8												
504 plan	0	0	0	0	56	2	0	0	0	0	55	2												
Other	16	70	16	44	244	11	16	67	16	43	226	10												
Participation through alternate assessment (PAAP)	4	5	4	3	178	1	3	4	3	2	176	1												
Identified disability (PET/IEP)	4	100	4	100	178	100	3	100	3	100	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0												
Non-participation – other	1	1	1	1	93	1	1	1	2	1	96	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 40
School: A D Gray Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	5	8	20	14	1769	11
	2006-2007	6	9	16	10	2630	18
	2007-2008	14	20	23	17	2604	18
	Cum. Total*	25	13	59	13	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	21	34	62	44	7521	49
	2006-2007	31	46	79	48	7605	51
	2007-2008	41	59	75	54	8049	55
	Cum. Total*	93	47	216	49	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	15	25	26	18	3773	24
	2006-2007	23	34	49	30	3000	20
	2007-2008	8	12	25	18	2672	18
	Cum. Total*	46	23	100	23	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	20	33	34	24	2399	16
	2006-2007	8	12	19	12	1620	11
	2007-2008	6	9	15	11	1190	8
	Cum. Total*	34	17	68	15	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	37.2	66.4	34.9	62.3	35.3	63.0
Literary Text	28	50	18.1	64.6	17.0	60.7	17.3	61.8
Informational Text	28	50	19.1	68.2	17.9	63.9	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 7
SAU: MSAD 40
School: A D Gray Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	69	14	20	41	59	8	12	6	9	752	138	17	54	18	11	749	14515	18	55	18	8	750
Ethnicity																						
African American/Black	2										3						365	10	49	19	22	742
American Indian or Native Alaskan	1										1						110	6	52	24	18	744
Asian or Pacific Islander	2										2						211	26	47	20	6	752
Hispanic	1										1						173	12	54	18	15	746
Caucasian/White	63	13	21	39	62	6	10	5	8	753	131	17	56	17	11	749	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	4	57	0	0	3	43	738	22	5	23	27	45	733	2330	2	30	36	32	735
No	62	14	23	37	60	8	13	3	5	754	116	19	60	16	4	752	12185	21	60	15	4	753
Current LEP																						
Yes	0										0						342	8	46	22	24	741
No	69	14	20	41	59	8	12	6	9	752	138	17	54	18	11	749	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	36	5	14	21	58	4	11	6	17	748	69	10	51	19	20	745	5299	9	51	26	14	745
No	33	9	27	20	61	4	12	0	0	756	69	23	58	17	1	753	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	69	14	20	41	59	8	12	6	9	752	138	17	54	18	11	749	14514	18	55	18	8	750
Gender																						
Female	37	11	30	22	59	2	5	2	5	755	72	26	56	13	6	753	7084	24	55	15	6	752
Male	32	3	9	19	59	6	19	4	13	749	66	6	53	24	17	745	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	0	0	4	67	0	0	2	33	739	13	0	38	15	46	733	946	6	47	34	12	743
No	63	14	22	37	59	8	13	4	6	754	125	18	56	18	7	751	13569	19	56	17	8	750
Gifted/talented program																						
Yes	0										0						574	61	38	1	0	765
No	69	14	20	41	59	8	12	6	9	752	138	17	54	18	11	749	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 7

SAU: MSAD 40

School: A D Gray Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	6 46 46 1	0 6 8 0	0 19 25 0	3 18 20 0	75 56 63 0	1 4 2 1	25 13 6 100	0 4 2 0	0 13 6 0	752 751 754 734	9 48 40 3	0 18 18 25	42 50 65 25	33 20 9 50	25 12 7 0	739 749 752 749	6 50 40 4	9 17 20 19	42 56 58 49	24 19 16 21	25 8 6 11	741 750 752 749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	32 57 7 4	6 8 0 0	27 21 0 0	16 24 1 0	73 62 20 0	0 3 4 1	0 8 80 33	0 4 0 2	0 10 0 67	758 752 740 731	41 50 6 3	23 14 0 0	54 59 50 0	18 13 50 25	5 13 0 75	752 749 744 724	36 50 11 3	24 16 13 4	58 58 45 35	14 19 26 29	5 8 16 31	753 749 745 737
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	38 57 4 1	8 6 0 0	31 15 0 0	13 26 2 0	50 67 67 0	2 4 1 1	8 10 33 100	3 3 0 0	12 8 0 0	754 752 748 736	35 57 7 1	29 12 0 0	50 60 40 0	13 19 20 100	8 9 40 0	754 748 736 736	28 52 18 2	35 15 3 2	52 60 49 41	9 18 33 28	5 7 15 29	756 750 742 738
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	14 62 23	1 13 0	10 30 0	8 20 13	80 47 81	1 5 2	10 12 13	0 5 1	0 12 6	754 753 750	13 65 22	11 24 0	56 47 77	17 18 17	17 11 7	745 750 749	16 65 19	13 18 21	48 57 57	23 18 16	16 7 6	745 750 752
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	6 57 37	0 5 8	0 13 32	2 25 14	50 64 56	2 4 2	50 10 8	0 5 1	0 13 4	744 750 757	7 56 37	10 9 28	50 57 54	20 21 12	20 13 6	742 747 754	9 55 36	5 14 28	38 57 58	29 22 10	28 7 4	738 748 755
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	59 41 0	7 7 0	17 25 0	23 18 6	56 64 6	6 2 2	15 7 0	5 1 0	12 4 0	751 755 0	46 52 1	17 17 0	52 56 50	19 15 50	11 11 0	750 749 739	44 51 5	18 19 9	56 56 46	18 17 26	8 7 19	750 751 743
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	32 36 13 19	7 5 1 1	32 20 11 8	13 16 6 6	59 64 67 46	2 2 1 3	9 8 11 23	0 2 1 3	0 8 11 23	758 753 750 742	27 45 13 15	24 16 17 5	57 57 61 38	16 15 11 33	3 11 11 24	755 749 748 740	17 45 13 24	25 22 14 8	57 56 56 53	13 16 21 26	6 6 9 13	753 752 748 745
Optional school/SAU question A. B. C. D.	0 100 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	1 1 0 0	100 100 0 0	0 0 0 0	0 0 0 0	738 0 0 0	67 0 0 33	0 0 0 0	0 0 100 0	50 50 0 0	50 50 0 0	729 0 0 746						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 40
School: A D Gray Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	5	8	17	12	1646	11
	2006-2007	9	13	24	15	2142	14
	2007-2008	15	21	27	20	2028	14
	Cum. Total*	29	15	68	15	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	22	36	54	38	5497	36
	2006-2007	24	35	56	34	5642	38
	2007-2008	26	37	52	38	5703	39
	Cum. Total*	72	36	162	37	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	19	31	35	25	4514	29
	2006-2007	18	26	45	28	4077	27
	2007-2008	20	29	37	27	3733	26
	Cum. Total*	57	29	117	26	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	15	25	36	25	3797	25
	2006-2007	17	25	38	23	3001	20
	2007-2008	9	13	22	16	3054	21
	Cum. Total*	41	21	96	22	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	9.3	58.1	9.1	56.9	8.8	55.0
Cluster 2: Shape and Size	14	25	5.5	39.3	5.6	40.0	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	4.0	50.0	4.0	50.0	3.5	43.8
Cluster 4: Patterns	18	32	9.4	52.2	8.9	49.4	7.9	43.9

- Cluster 1: Numbers and Operations**
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
 E. Geometry
 F. Measurement
- Cluster 3: Mathematical Decision Making**
 C. Data Analysis and Statistics
 D. Probability
- Cluster 4: Patterns**
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: MSAD 40
 School: A D Gray Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	70	15	21	26	37	20	29	9	13	747	138	20	38	27	16	745	14518	14	39	26	21	743
Ethnicity																						
African American/Black	2										3						372	5	24	25	45	731
American Indian or Native Alaskan	1										1						110	5	30	36	29	736
Asian or Pacific Islander	2										2						216	25	34	23	18	748
Hispanic	1										1						175	9	32	30	29	737
Caucasian/White	64	15	23	24	38	18	28	7	11	748	131	21	38	27	15	746	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	1	13	4	50	3	38	733	23	0	13	35	52	729	2321	2	16	26	55	727
No	62	15	24	25	40	16	26	6	10	749	115	23	43	25	9	749	12197	16	44	26	15	746
Current LEP																						
Yes	0										0						356	7	23	24	45	731
No	70	15	21	26	37	20	29	9	13	747	138	20	38	27	16	745	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	37	5	14	11	30	14	38	7	19	742	70	11	27	39	23	739	5301	5	31	31	33	736
No	33	10	30	15	45	6	18	2	6	753	68	28	49	15	9	752	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	70	15	21	26	37	20	29	9	13	747	138	20	38	27	16	745	14517	14	39	26	21	743
Gender																						
Female	37	8	22	16	43	11	30	2	5	749	71	21	45	25	8	748	7086	14	40	26	20	743
Male	33	7	21	10	30	9	27	7	21	744	67	18	30	28	24	742	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	0	0	1	17	3	50	2	33	728	13	0	23	38	38	731	946	4	23	36	37	733
No	64	15	23	25	39	17	27	7	11	749	125	22	39	26	14	747	13572	15	40	25	20	743
Gifted/talented program																						
Yes	0										0						575	64	31	3	1	765
No	70	15	21	26	37	20	29	9	13	747	138	20	38	27	16	745	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 7

SAU: MSAD 40

School: A D Gray Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	6 46 47 1	1 6 8 0	25 19 24 0	2 11 13 0	50 34 39 0	1 10 8 1	25 31 24 100	0 5 4 0	0 16 12 0	750 745 748 730	9 48 41 3	17 17 23 25	25 41 38 25	33 24 27 50	25 18 13 0	738 745 747 743	6 50 40 4	7 13 15 16	29 39 42 37	26 26 26 23	37 22 17 24	734 742 744 742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	40 46 13 1	7 7 1 0	25 22 11 0	10 14 2 0	36 44 22 0	9 8 3 0	32 25 33 0	2 3 3 1	7 9 33 100	749 749 736 716	37 49 14 1	24 19 11 0	41 39 26 0	24 30 26 0	12 12 37 100	749 746 735 716	32 50 15 3	21 12 7 4	40 42 32 17	23 27 31 21	16 19 30 58	747 743 737 726
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor	14 46 34 6	6 8 1 0	60 25 4 0	2 16 8 0	20 50 33 0	1 5 11 3	10 16 46 75	1 3 4 1	10 9 17 25	758 751 740 732	17 48 28 7	50 20 3 10	33 47 34 0	4 20 45 60	13 14 18 30	759 747 738 733	25 47 23 5	34 10 3 1	42 45 30 17	13 27 36 32	11 18 32 49	753 743 735 729
How difficult was the mathematics part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	19 73 9	1 12 2	8 24 33	4 19 3	31 37 50	5 14 1	38 27 17	3 6 0	23 12 0	736 748 759	18 69 12	4 21 35	40 35 53	40 26 6	16 18 6	739 745 759	36 53 11	6 13 40	38 42 32	29 27 15	27 18 13	738 744 753
How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	60 39 1	7 8 0	17 30 0	16 10 0	38 37 0	13 6 1	31 22 100	6 3 0	14 11 0	745 750 738	48 49 4	15 26 0	38 38 20	32 20 40	14 17 40	744 748 732	46 49 5	12 16 10	40 40 27	27 25 27	21 19 36	742 744 736
How often do you use laptops in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	1 7 17 74	1 0 5 9	100 0 42 18	0 2 2 21	0 40 17 41	0 1 4 15	0 20 33 29	0 40 1 6	0 40 8 12	764 737 752 746	7 16 22 55	22 9 30 18	11 32 43 39	33 27 23 28	33 32 3 14	738 739 753 745	9 20 30 41	15 13 15 13	37 41 40 39	25 26 27 26	23 20 18 23	742 743 744 742
How often do you use calculators in mathematics class? A. almost every day B. two or three days a week C. two or three times a month D. never or almost never	30 34 20 16	1 6 4 4	5 25 29 36	9 8 7 2	43 33 50 18	7 8 3 2	33 33 21 18	4 2 0 3	19 8 0 27	742 747 755 746	34 34 20 12	11 19 26 35	33 43 44 24	28 28 30 18	28 11 0 24	740 746 753 747	20 29 26 24	17 16 13 10	39 40 40 39	23 25 28 27	22 19 20 24	744 744 743 740
On average, how many minutes a day do you spend working on mathematics in class? A. less than 30 minutes B. 30–45 minutes C. 45–60 minutes D. more than 60 minutes	1 30 60 9	0 2 12 1	0 10 29 17	0 9 16 1	0 43 38 17	0 7 11 2	0 33 26 33	1 3 3 2	100 14 7 33	716 745 750 736	1 30 63 5	0 14 23 14	0 38 40 14	0 33 24 29	100 14 13 43	718 744 748 733	8 41 41 10	7 12 17 15	32 38 42 38	26 27 24 25	35 23 16 22	736 741 745 743
Optional school/SAU question A. B. C. D.	0 100 0 0	 0 0	 0 17	 1 1	 100 17	 0 2	 0 33	 0 2	 0 33	750 736	0 67 0 33	 0 0	 50 100	 0 0	 50 0	725 738	 10	 15	 38	 25	 22	 743

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number